

University of Groningen

Consequences of disease and treatment in ANCA-associated vasculitis

Tuin, Janneke

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2017

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Tuin, J. (2017). *Consequences of disease and treatment in ANCA-associated vasculitis*. [Thesis fully internal (DIV), University of Groningen]. Rijksuniversiteit Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Consequences of disease and treatment in ANCA-associated vasculitis

Janneke Tuin

Janneke Tuin

Consequences of disease and treatment in ANCA-associated vasculitis
Dissertation University of Groningen, The Netherlands

Financial support by the University of Groningen, University Medical Center Groningen, Graduate School for Drug Exploration (GUIDE), Vasculitis Stichting and Dutch Kidney Foundation for the publication of this thesis are gratefully acknowledged.

Cover design by JantyDesign
Lay-out by JantyDesign
Printed by Ipskamp Printing, Enschede

ISBN (printed version) 978-94-028-0577-2
ISBN (digital version) 978-94-028-0584-0

Further financial support for the printing of this thesis was kindly provided by: Astellas Pharma B.V.; ChipSoft; Noord Negentig Accountants en Belastingadviseurs; Shire.

© J. Tuin 2017

All rights reserved. No part of this publication may be reproduced, copied, modified, stored in a retrieval system or transmitted without the prior permission in writing from the author.





rijksuniversiteit
 groningen

Consequences of disease and treatment in ANCA-associated vasculitis

Proefschrift

ter verkrijging van de graad van doctor aan de
Rijksuniversiteit Groningen
op gezag van de
rector magnificus prof. dr. E. Sterken
en volgens besluit van het College voor Promoties.

De openbare verdediging zal plaatsvinden op

woensdag 24 mei om 16:15 uur

door

Janneke Tuin

geboren op 28 december 1989
te Scheemda

Promotor

Prof. dr. C.A. Stegeman

Copromotores

Dr. J.S.F. Sanders

Dr. A.P. van Beek

Beoordelingscommissie

Prof. dr. R. Luqmani

Prof. dr. P.M. ter Wee

Prof. dr. B.H.R. Wolffenbuttel

Paranimfen

H. Heeres

Drs. M. Koller

Content

Chapter 1	Introduction: Consequences of disease and treatment in ANCA-associated vasculitis	9
Part I Consequences of ANCA-associated vasculitis		
Chapter 2	Pregnancy in women diagnosed with antineutrophil cytoplasmic antibody-associated vasculitis: outcome for the mother and the child. <i>Arthritis Care Res</i> 2012;64(4):539-45	25
Chapter 3	Menopause and primary ovarian insufficiency in women treated for antineutrophil cytoplasmic antibody-associated vasculitis. <i>Arthritis Rheumatol.</i> 2016;68(4):986-92	39
Chapter 4	Androgen deficiency in male patients diagnosed with ANCA-associated vasculitis: a cause of fatigue and reduced health-related quality of life? <i>Arthritis Res Ther</i> 2013;15(5):R117	51
Part II Individualized treatment for ANCA-associated vasculitis		
Chapter 5	Viewpoint: Tapering of glucocorticoids in ANCA-associated vasculitis: one size does not fit all. <i>Submitted</i>	71
Chapter 6	Recovery of the hypothalamic-pituitary-adrenal axis during glucocorticoid tapering after the induction of remission in ANCA-associated vasculitis: rationale and design of the CURVE study	83
Chapter 7	Trimethoprim/sulfamethoxazole for the induction of remission in localised and early systemic granulomatosis with polyangiitis: a cohort study. <i>Submitted</i>	95
Chapter 8	Mycophenolate mofetil versus cyclophosphamide for the induction of remission in non-life-threatening relapses of antineutrophil cytoplasmic antibody-associated vasculitis: a randomized controlled trial. <i>Submitted</i>	113
Chapter 9	Summary, general discussion, clinical implications, future perspectives	131
Chapter 10	Nederlandse samenvatting	147
	Dankwoord	155
	About the author	163

